TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 720-24355-2

Job Description: Aspire Oakland

For:
LFR, Inc.
1900 Powell St 12th Floor
Emeryville, CA 94608-1827

Attention: Mr. Ron Goloubow

Approved for release.
Afsaneh Salimpour
Project Manager I
12/3/2009 4:15 PM

Afsaneh Salimpour
Project Manager I
afsaneh.salimpour@testamericainc.com
12/03/2009

CA ELAP Certification # 2496
The Chain(s) of Custody are included and are an integral part of this report.

A trip blank is required to be provided for volatile analyses. If trip blank results are not included in the report, either the trip blank was not submitted or requested to be analyzed.

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

Metals
Method(s) 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 62312 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: LFR, Inc. Job Number: 720-24355-2

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
720-24355-3	**EXC1-WEST-R1-SDWALL1'**				
Arsenic		7.9	4.0	mg/Kg	6010B
Lead		130	2.0	mg/Kg	6010B

METHOD SUMMARY

Client: LFR, Inc. Job Number: 720-24355-2

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Metals (ICP)	TAL SF	SW846 6010B	
Preparation, Metals	TAL SF		SW846 3050B

Lab References:

TAL SF = TestAmerica San Francisco

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: LFR, Inc. Job Number: 720-24355-2

Method	Analyst	Analyst ID
SW846 6010B	Monforte, Carl A	CAM

SAMPLE SUMMARY

Client: LFR, Inc. Job Number: 720-24355-2

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-24355-3	EXC1-West-R1-SDWALL1'	Solid	11/30/2009 1500	11/30/2009 1725

Client: LFR, Inc. Job Number: 720-24355-2

Client Sample ID: **EXC1-West-R1-SDWALL1'**

Lab Sample ID: 720-24355-3 Date Sampled: 11/30/2009 1500
Client Matrix: Solid Date Received: 11/30/2009 1725

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 720-62406		Instrument ID:	Thermo ICP2
Preparation:	3050B	Prep Batch: 720-62312		Lab File ID:	N/A
Dilution:	4.0			Initial Weight/Volume:	1.01 g
Date Analyzed:	12/03/2009 1449			Final Weight/Volume:	50 mL
Date Prepared:	12/02/2009 1033				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Arsenic		7.9		4.0
Lead		130		2.0

DATA REPORTING QUALIFIERS

Client: LFR, Inc. Job Number: 720-24355-2

Lab Section	Qualifier	Description
Metals		
	F	MS or MSD exceeds the control limits

Client: LFR, Inc. Job Number: 720-24355-2

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 720-62312					
LCS 720-62312/2-A	Lab Control Sample	T	Solid	3050B	
LCSD 720-62312/3-A	Lab Control Sample Duplicate	T	Solid	3050B	
LCSSRM 720-62312/7-A	LCS-Standard Reference Material	T	Solid	3050B	
MB 720-62312/1-A	Method Blank	T	Solid	3050B	
720-24355-3	EXC1-West-R1-SDWALL1'	T	Solid	3050B	
720-24355-3MS	Matrix Spike	T	Solid	3050B	
720-24355-3MSD	Matrix Spike Duplicate	T	Solid	3050B	
Analysis Batch:720-62406					
LCS 720-62312/2-A	Lab Control Sample	T	Solid	6010B	720-62312
LCSD 720-62312/3-A	Lab Control Sample Duplicate	T	Solid	6010B	720-62312
LCSSRM 720-62312/7-A	LCS-Standard Reference Material	T	Solid	6010B	720-62312
MB 720-62312/1-A	Method Blank	T	Solid	6010B	720-62312
720-24355-3	EXC1-West-R1-SDWALL1'	T	Solid	6010B	720-62312
720-24355-3MS	Matrix Spike	T	Solid	6010B	720-62312
720-24355-3MSD	Matrix Spike Duplicate	T	Solid	6010B	720-62312

Report Basis
T = Total

Client: LFR, Inc.

Job Number: 720-24355-2

Method Blank - Batch: 720-62312

Method: 6010B
Preparation: 3050B

Lab Sample ID:	MB 720-62312/1-A	Analysis Batch:	720-62406	Instrument ID:	Thermo 6500 ICP
Client Matrix:	Solid	Prep Batch:	720-62312	Lab File ID:	N/A
Dilution:	1.0	Units:	mg/Kg	Initial Weight/Volume:	1.01 g
Date Analyzed:	12/03/2009 1423			Final Weight/Volume:	50 mL
Date Prepared:	12/02/2009 1033				

Analyte	Result	Qual	RL
Arsenic	ND		0.99
Lead	ND		0.50

LCS-Standard Reference Material - Batch: 720-62312

Method: 6010B
Preparation: 3050B

Lab Sample ID:	LCSSRM 720-62312/7-A	Analysis Batch:	720-62406	Instrument ID:	Thermo 6500 ICP
Client Matrix:	Solid	Prep Batch:	720-62312	Lab File ID:	N/A
Dilution:	1.0	Units:	mg/Kg	Initial Weight/Volume:	1.03 g
Date Analyzed:	12/03/2009 1454			Final Weight/Volume:	50 mL
Date Prepared:	12/02/2009 1033				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	22.7	19.0	84	69 - 119	
Lead	44.1	36.0	82	62 - 113	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc. Job Number: 720-24355-2

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 720-62312

Method: 6010B
Preparation: 3050B

LCS Lab Sample ID:	LCS 720-62312/2-A	Analysis Batch:	720-62406	Instrument ID:	Thermo 6500 ICP
Client Matrix:	Solid	Prep Batch:	720-62312	Lab File ID:	N/A
Dilution:	1.0	Units:	mg/Kg	Initial Weight/Volume:	1.01 g
Date Analyzed:	12/03/2009 1429			Final Weight/Volume:	50 mL
Date Prepared:	12/02/2009 1033				

LCSD Lab Sample ID:	LCSD 720-62312/3-A	Analysis Batch:	720-62406	Instrument ID:	Thermo 6500 ICP
Client Matrix:	Solid	Prep Batch:	720-62312	Lab File ID:	N/A
Dilution:	1.0	Units:	mg/Kg	Initial Weight/Volume:	1.03 g
Date Analyzed:	12/03/2009 1434			Final Weight/Volume:	50 mL
Date Prepared:	12/02/2009 1033				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Arsenic	91	90	80 - 120	3	20		
Lead	98	97	80 - 120	3	20		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-62312

Method: 6010B
Preparation: 3050B

MS Lab Sample ID:	720-24355-3	Analysis Batch:	720-62406	Instrument ID:	Thermo 6500 ICP
Client Matrix:	Solid	Prep Batch:	720-62312	Lab File ID:	N/A
Dilution:	4.0			Initial Weight/Volume:	1.01 g
Date Analyzed:	12/03/2009 1439			Final Weight/Volume:	50 mL
Date Prepared:	12/02/2009 1033				

MSD Lab Sample ID:	720-24355-3	Analysis Batch:	720-62406	Instrument ID:	Thermo 6500 ICP
Client Matrix:	Solid	Prep Batch:	720-62312	Lab File ID:	N/A
Dilution:	4.0			Initial Weight/Volume:	1.02 g
Date Analyzed:	12/03/2009 1444			Final Weight/Volume:	50 mL
Date Prepared:	12/02/2009 1033				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Arsenic	91	91	75 - 125	0	20		
Lead	58	65	75 - 125	2	20	F	F

Calculations are performed before rounding to avoid round-off errors in calculated results.

720-24355-2

510 390 1276

STL San Francisco

NOTIFICATION OF SAMPLES RECEIVED WITHOUT COC

Date Received: 11-30-09 Initiator (Sample Control Personnel Initials) [illegible]

Acknowledgment of Applicable PM: Initials____ Route Date: ___/___/___

Identification of Courier:	Identification of Client/Company/Project Information (if available)
San Francisco's Courier Name ______	Client/Company: LFR
Courier's Checklist Confirms COC's absence ☐ Yes ☐ No	Project Name :
☐ (check box) Private Courier	Project #: Aspire
☐ Fed-Ex ☐ UPS	Site #:

SAMPLE(S) LABEL DESCRIPTION

(use back of form if necessary to complete)

Sample ID	Sample Date/ Time		Method	Container Type/ # per		Other Label Information
EXC1-West-R1-SDWALL 1'		1500		8oz soil	Jar	
Should be ASP VO per Alice on 12/1/09						

forms/samplecontrol/notification of no coc/2003 (ref. SOP 2.02)

Login Sample Receipt Check List

Client: LFR, Inc.

Job Number: 720-24355-2

Login Number: 24355

List Source: TestAmerica San Francisco

Creator: Hoang, Julie

List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	